Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Monday 24 Apr 2023 until 23:59 on Tuesday 25 Apr 2023

Forecast Issued on Monday 24 Apr 2023 at 01:13

Confidence: High for a cloudy, showery day on Monday, settled conditions on Tuesday, and for more unsettled conditions returning from midweek. Low confidence for cloud and rain details.

Headline for Monday 24 Apr 2023: Cloudy with scattered showers, falling as snow over higher elevations. Some late sunshine.

Mountain weather hazards on Monday 24 Apr 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Cloudy	Cloudy	Sunny	Clear night
Precipitation probability					
30%	40%	40%	30%	20%	<05%

Forecast for Monday 24 Apr 2023

Weather: Cloudy overnight and to start the day, but generally lifting and breaking through the morning. Remaining mostly dry at first before scattered showers push in from the northeast during the late morning and afternoon, these falling as snow or sleet above 600m. Showers dying off into the evening, with cloud also breaking and clearing to give some late sunshine.

Chance of cloud-free hill tops above 600m: 70% first thing, rising to 90%

Low Cloud and visibility: Widespread cloud through the early hours, with bases around 600m, before lifting and breaking through the morning. Cloud comfortably above the summits through the day, although may occasionally lower in showers and shroud the higher peaks for short spells. Cloud clearing into the evening. Visibility generally good or very good through the morning, falling to poor or very poor in showers, but improving into the evening to give excellent views.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Monday 24 Apr 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/19 N	16/22 N	15/22 N	14/21 NE	13/20 NE	7/13 NE	7/12 N
300	10/19 N	12/21 N	11/21 N	10/19 N	10/19 NE	5/14 N	4/11 N
Valley	5/14 N	9/20 N	10/20 N	8/17 NE	7/15 NE	4/10 NE	2/7 NE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	0/-5	2/-4	3/-2	3/-2	2/-3	-1/-4	-2/-6
300	3/-1	5/1	6/3	6/3	5/1	1/-1	-1/-3
Valley	4/2	6/3	8/5	8/5	6/4	3/1	1/-1
Freezing Level*	500m	500m	600m	600m	500m	300m	200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Note the severe chill effect in exposure in colder northerly winds.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Mon 24 Apr 2023	1.8mm	14mm	22.4mm

Forecast for Tuesday 25 Apr 2023

Weather: Cold and clear overnight with a widespread frost forming down to all levels. A sunny start, with cloud then filling in through the morning, staying dry and bright with occasional sunny spells at times, although still feeling on the cooler side away from the sun.

Maximum wind: Northwesterly 10 mph.

Chance of cloud-free hill tops above 600m: Greater than 90%

Low Cloud and visibility: Cloud filling in through the morning comfortably above the summits, affording superb panoramic views.

Temperature: **Valleys:** Zero Celsius, rising to Plus 7 Celsius.
At 600m: Minus 3 Celsius, rising to Plus 3 Celsius.
Freezing level: 200m or less, rising to 600m.

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